

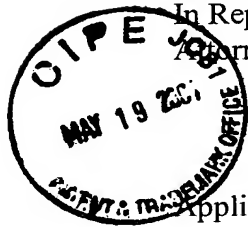
Application No. 10/657,732

Customer No. 28289

Paper Dated: May 17, 2004

In Reply to USPTO Correspondence of N/A

Attorney Docket No. 0149-031767



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/657,732

Applicant : **Toshio SATO et al.**

Filed : September 8, 2003

Title : **PROCESS FOR PRODUCING**
: **2,3-PYRIDINEDICARBOXYLIC ACID**

Art Unit : 1625

Examiner : *Not yet assigned*

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the requirements of 37 CFR §§ 1.56, 1.97, and 1.98, the Applicants hereby submit this Information Disclosure Statement which includes a completed Form PTO/SB/08A and one (1) copy of the references listed thereon. English abstracts of the foreign language references are submitted if available.

This application was filed with the United States Patent and Trademark Office on September 8, 2003 and claims priority to Japanese Patent Application No. JP 2002-358020, filed on December 10, 2002. The references 1-10 and 12-14 listed on Form PTO/SB/08A are discussed in the present application on the following pages and are relevant for the reasons given in therein:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, Alexandria, VA 22313-1450 on May 17, 2004

Linda C. Seger

(Name of Person Mailing Paper)

Linda C. Seger
Signature

05/17/2004
Date

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JP-A 03-271275 (page 1); JP-A 61-212563 (page 1, 3, 5, 11); JP-A 02-83370 (page 1); JP-A 03-101661 (page 1); JP-A 03-157371 (page 1); JP-A 49-55673 (page 1); JP-A 58-105964 (page 1); JP-A 62-209063 (pages 1, 7, 13); JP-B 62-18551 (page 1); Chem. Ber. 65, 11 (1932) (pages 2, 6); Chem. Ber. 12, 983 (1879) (page 2); Synthesis 11, 880 (1989) (page 2); JP-B 60-54305 (pages 2, 3, 5, 6, 7). JP 03-287576 (reference 11) listed on the form is cited in Applicant's U.S. patent application No. 10/631,669, filed July 31, 2003. The relevance of this document can be taken from the English abstract provided herewith.

Pursuant to 37 CFR § 1.97(b)(3), no fees are believed to be due with the submission of this Information Disclosure Statement, as it is being submitted before the mailing date of the first Office Action on the merits. Nevertheless, the Commissioner of Patents and Trademarks is hereby authorized to charge any additional fees, which may be required to Deposit Account No. 23-0650. One original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,

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PTO/SB/08A (08-00)
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Substitute for form 1449A/PTO				Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/657,732		
				Filing Date	September 8, 2003		
				First Named Inventor	Toshio SATO et al.		
				Group Art Unit	1625		
				Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	149-031767		
U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	1	JP 03-271275		DAISO CO LTD	03-12-1991		X
	2	JP 61-212563		YAMAMOTO KAGUKU GOSEI KK	20-09-1986		X
	3	JP 02-083370		DAISO CO LTD	23-03-1990		X
	4	JP 03-101661		YAMAMOTO CHEM INC	26-04-1991		X
	5	JP 03-157371		DAISO CO LTD	05-07-1991		X
	6	JP 49-55673			1974		
	7	JP 58-105964			1983		
	8	JP 62-209063			1987		
	9	JP 62-18551			1987		
	10	JP 60-54305		YAMAMOTO KAGUKU GOSEI KK	16-03-1981		X
	11	JP 03-287576		DAISO CO LTD	18-12-1991		X
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published.					T ²
	12	C. O'MURCHU, OZONOLYSIS OF QUINOLINES: A VERSATILE SYNTHESIS OF POLYFUNCTIONAL PYRIDINES, SYNTHESIS, 11, 1989, PAGES 880-882					
	13	WALTER STIX UND S.A. BULGATSCH: EINE NEUE DARSTELLUNGSART DER CHINOLINSÄURE, CHEM. BER. 65 11-13 (1932)					
	14	W. KOENIGS: OXYDATION DES CINCHONINCHINOLINS MITTELST KALIUMPERMANGANAT, CHEM. BER. 12, 983-984 (1879)					
Examiner Signature					Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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